

FIG. 1

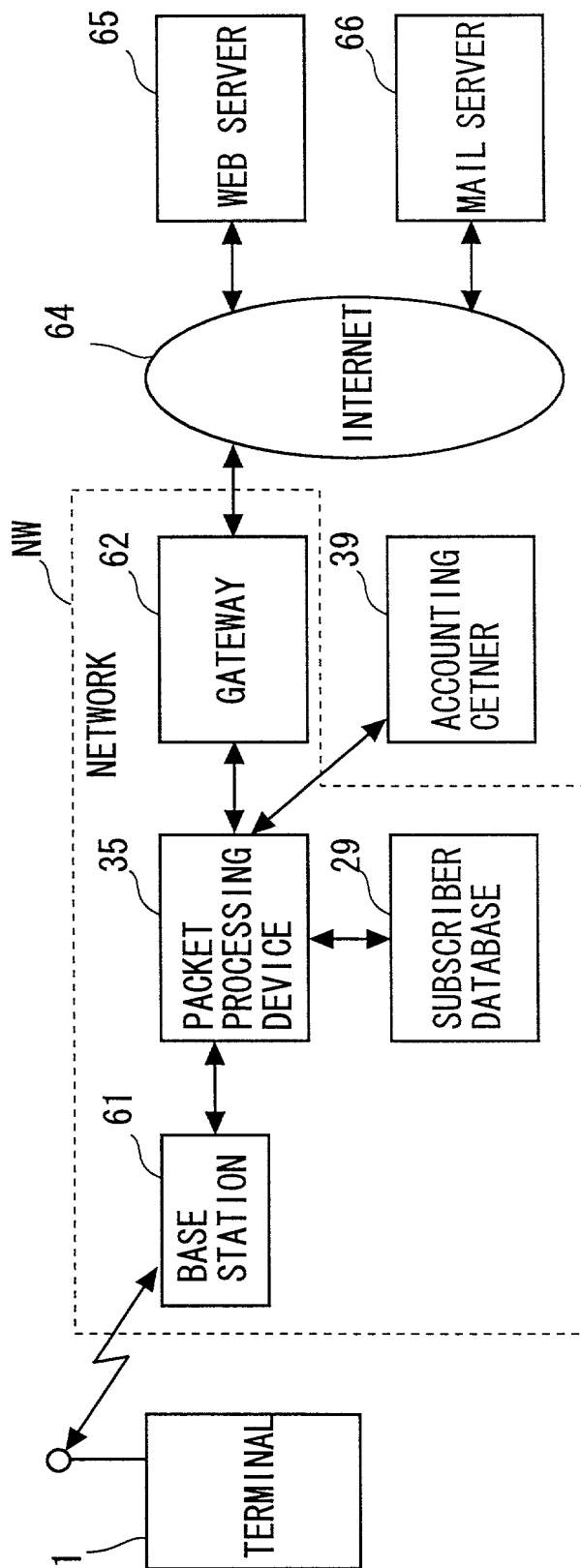


FIG. 2

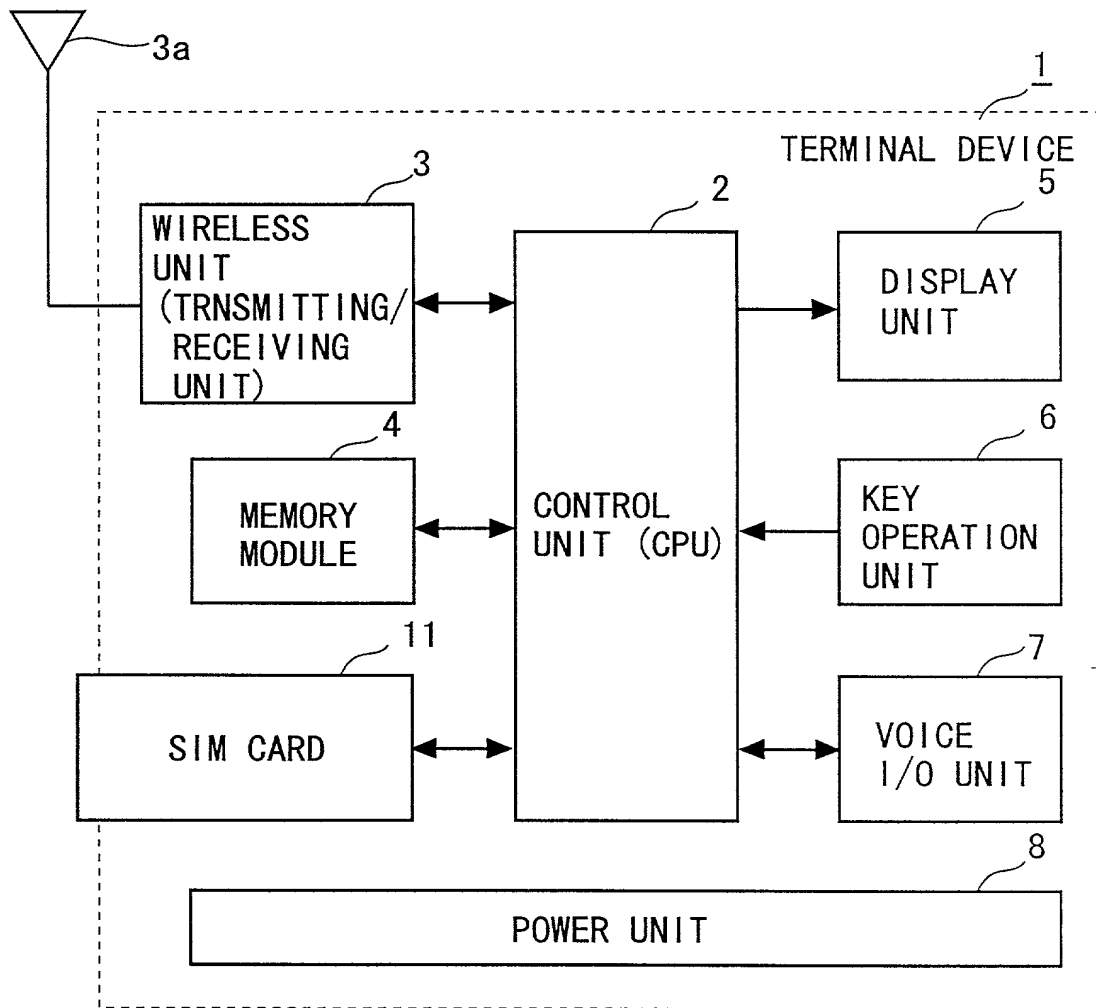


FIG. 3

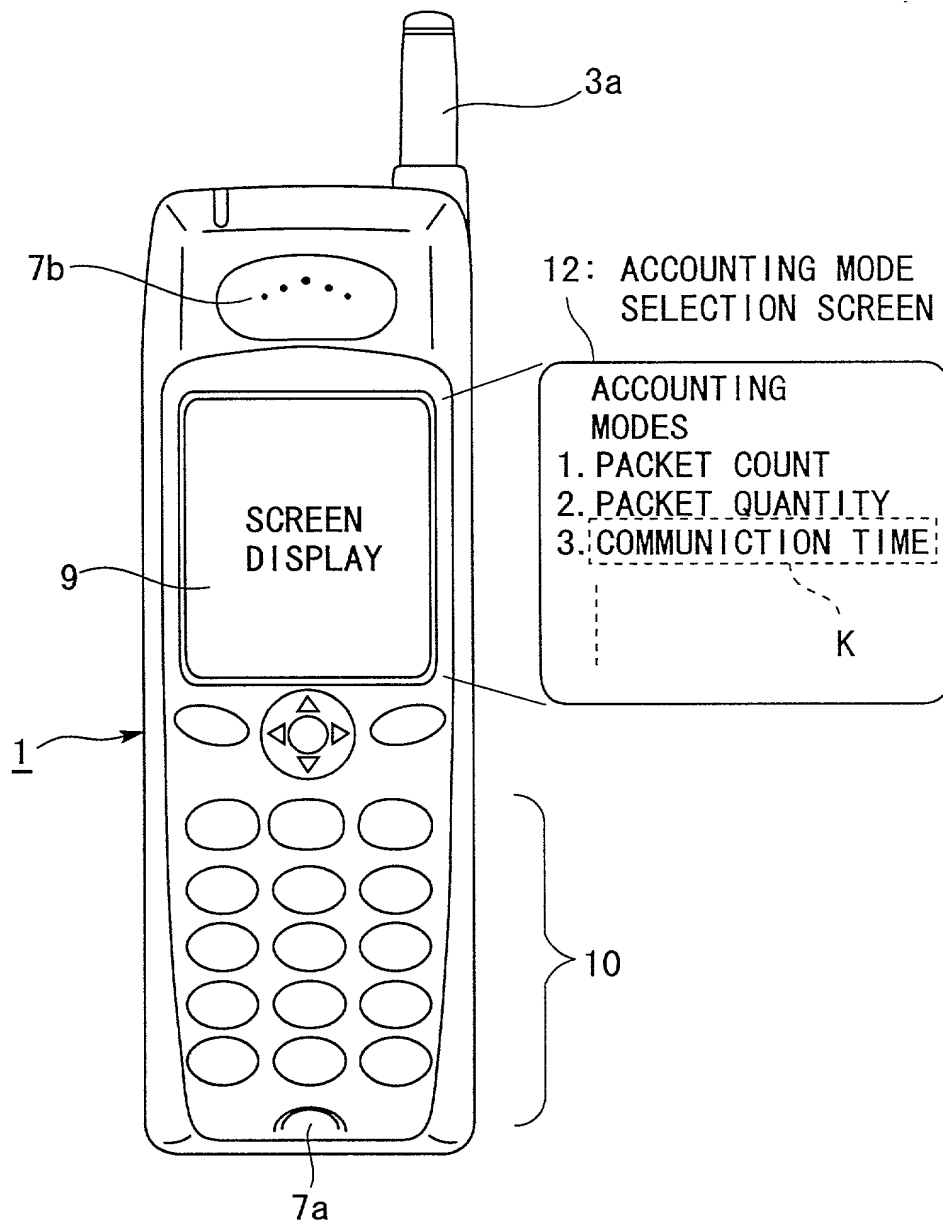


FIG. 4

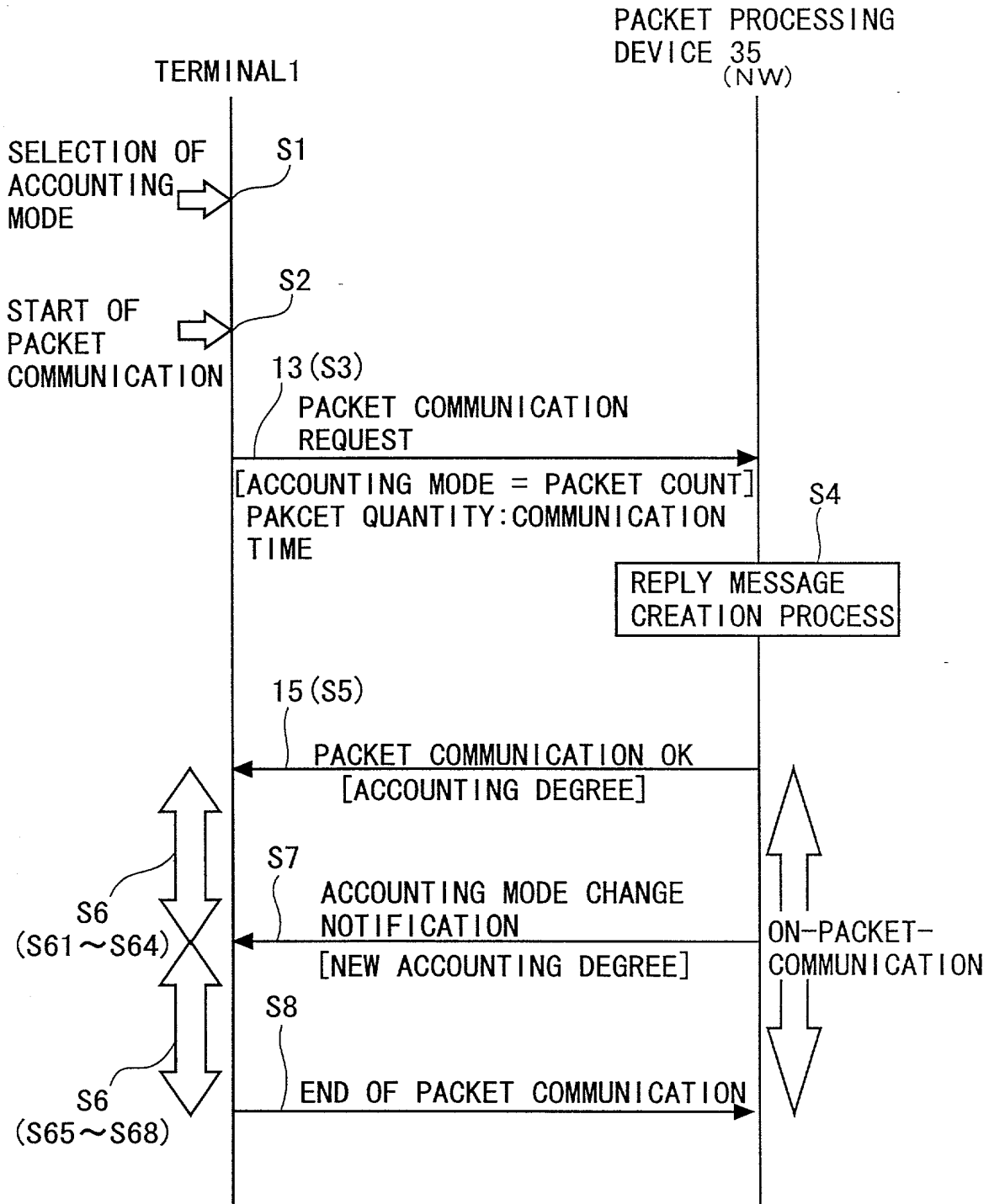


FIG. 5

MESSAGE FOR REQUESTING PACKET COMMUNICATION

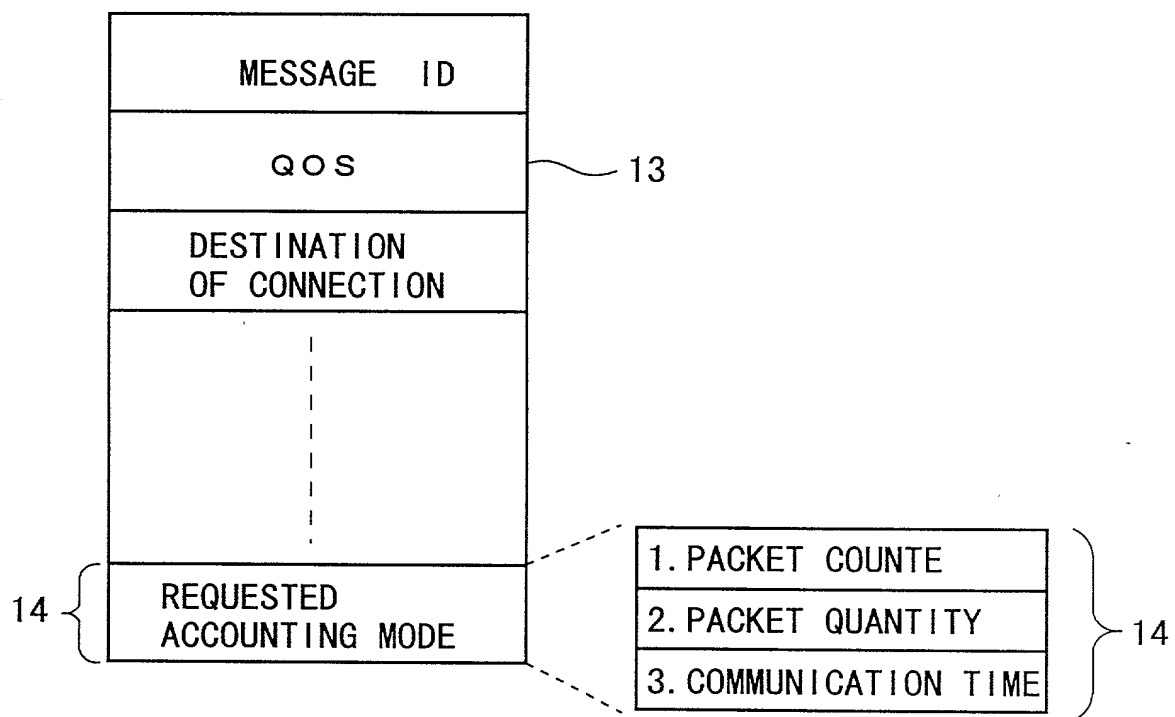


FIG. 6

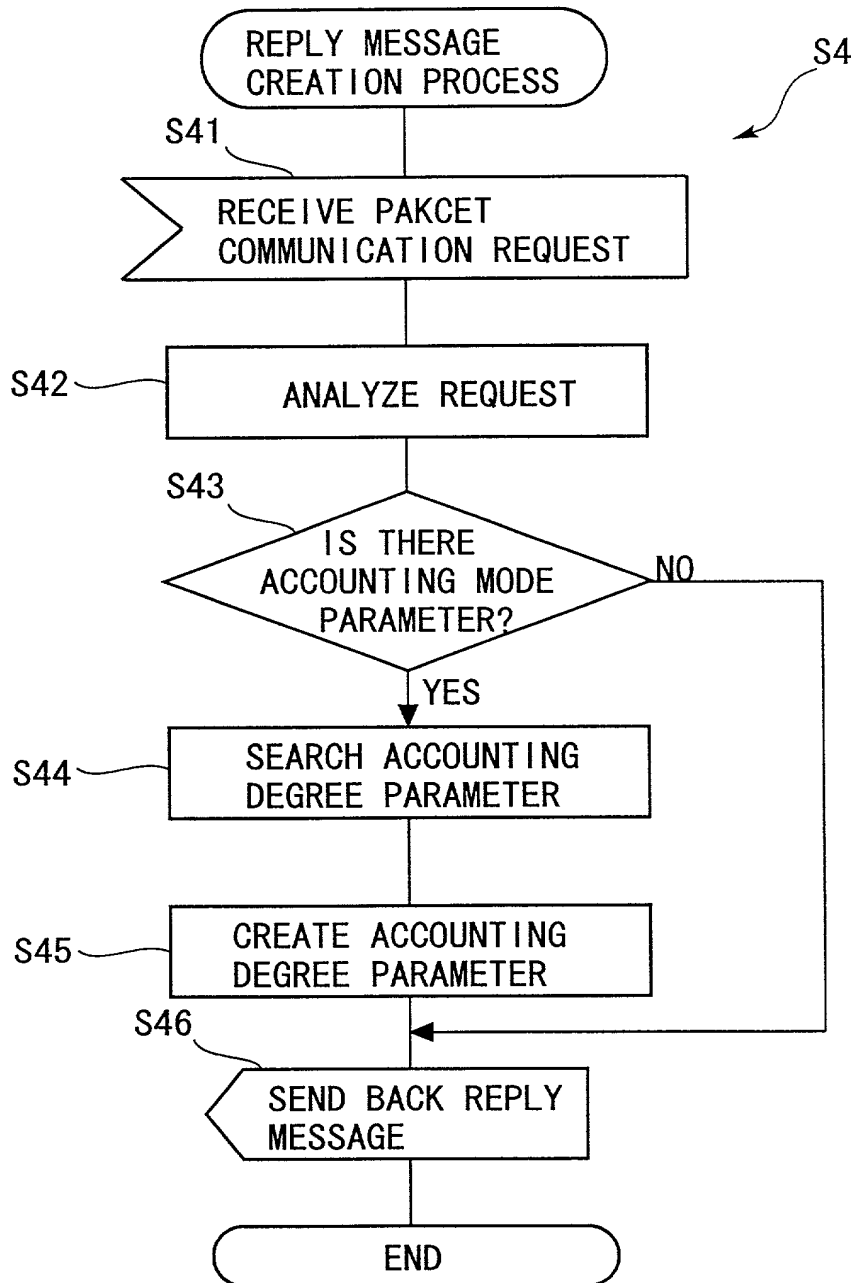


FIG. 7

PACKET COMMUNICATION O. K. MESSAGE
(RESPONSE MESSAGE)

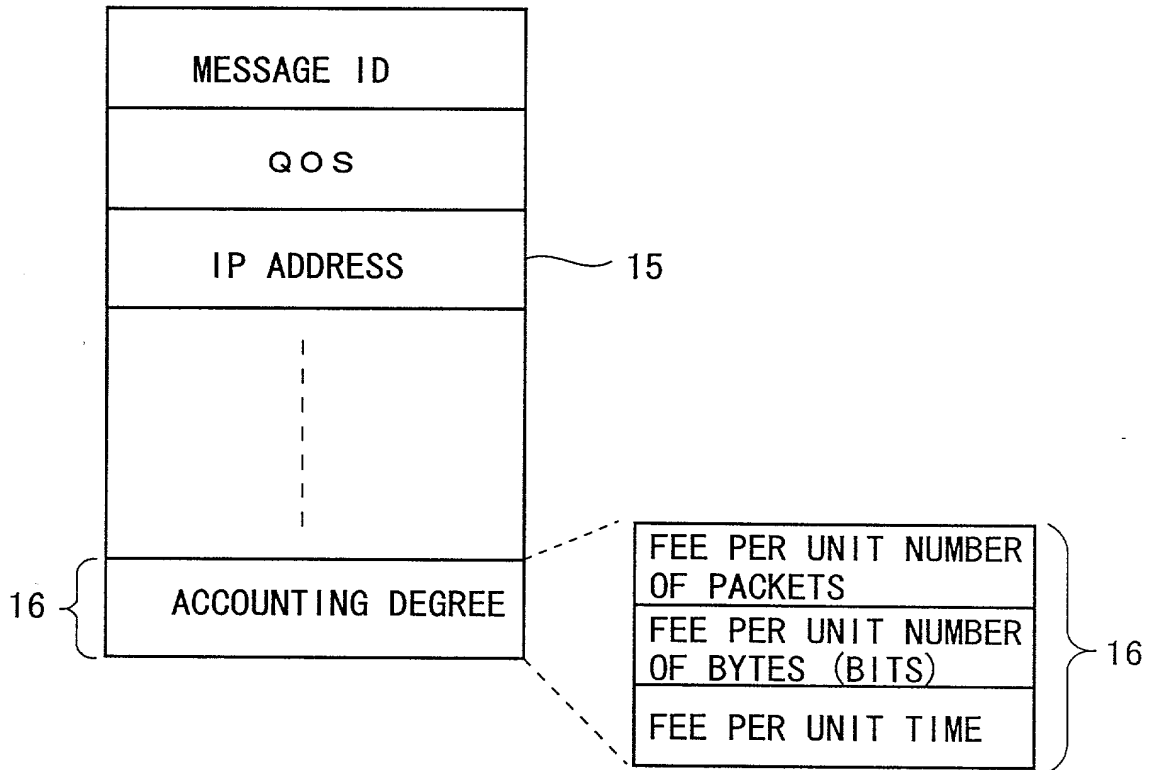


FIG. 8

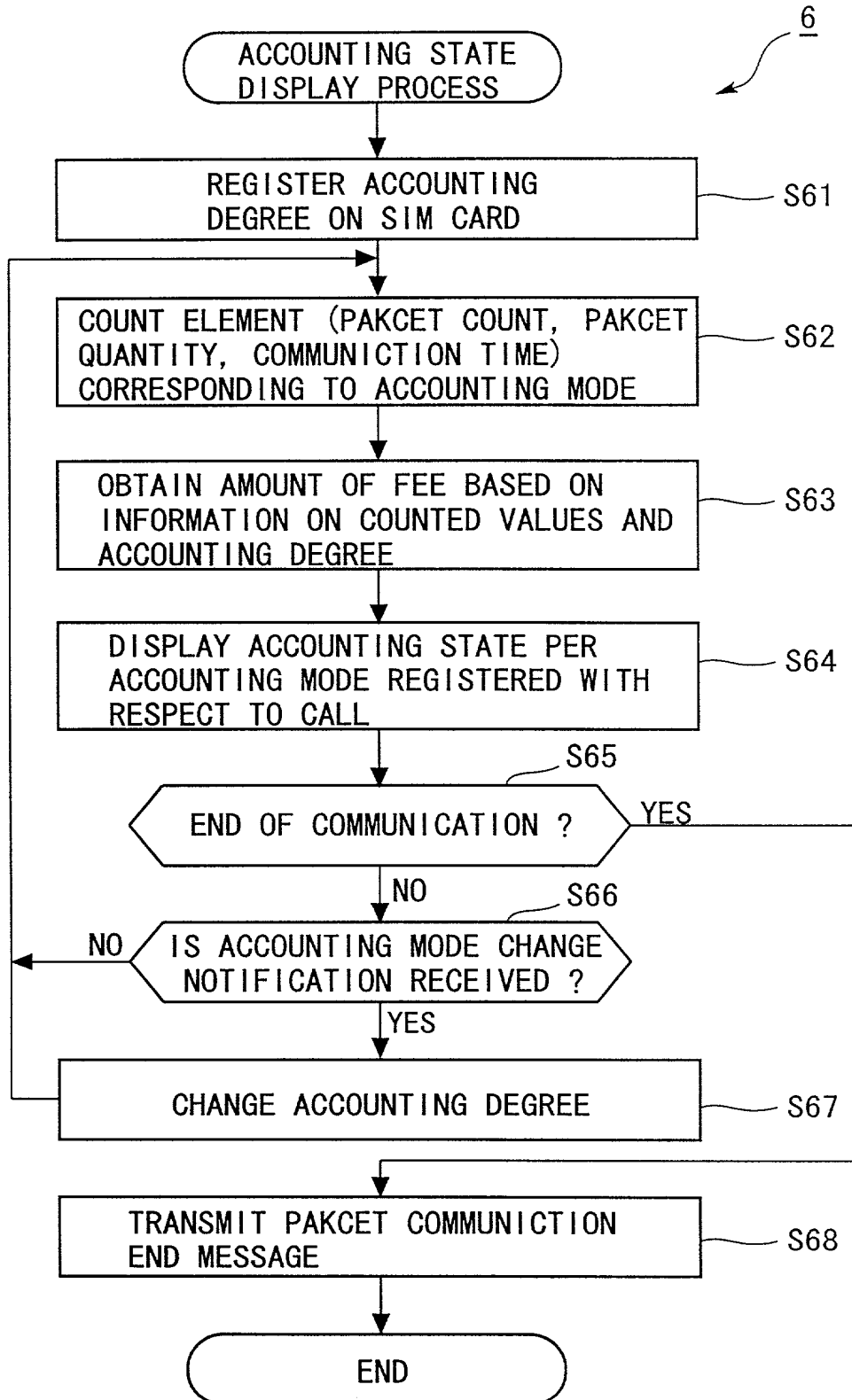


FIG. 9

17: ACCOUNTING STATES
DISPLAY SCREEN

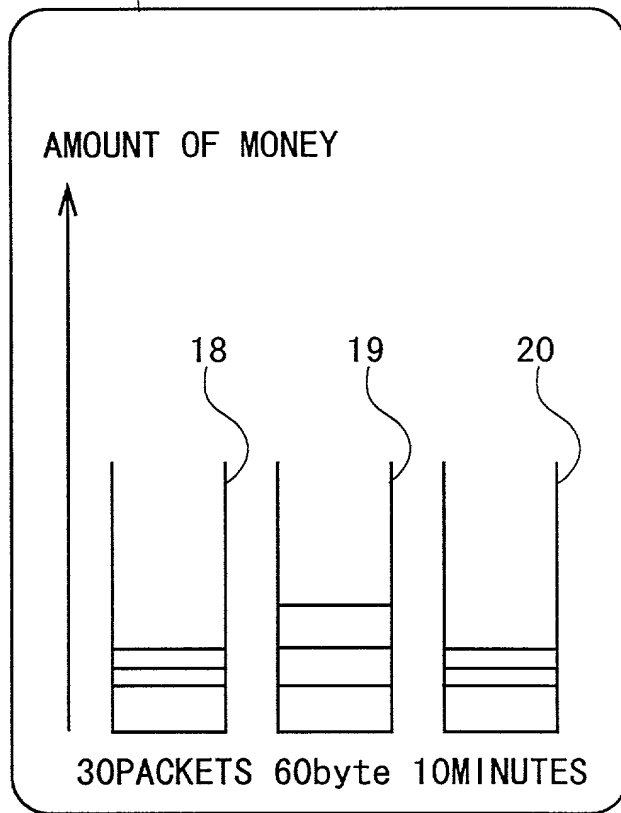


FIG. 10

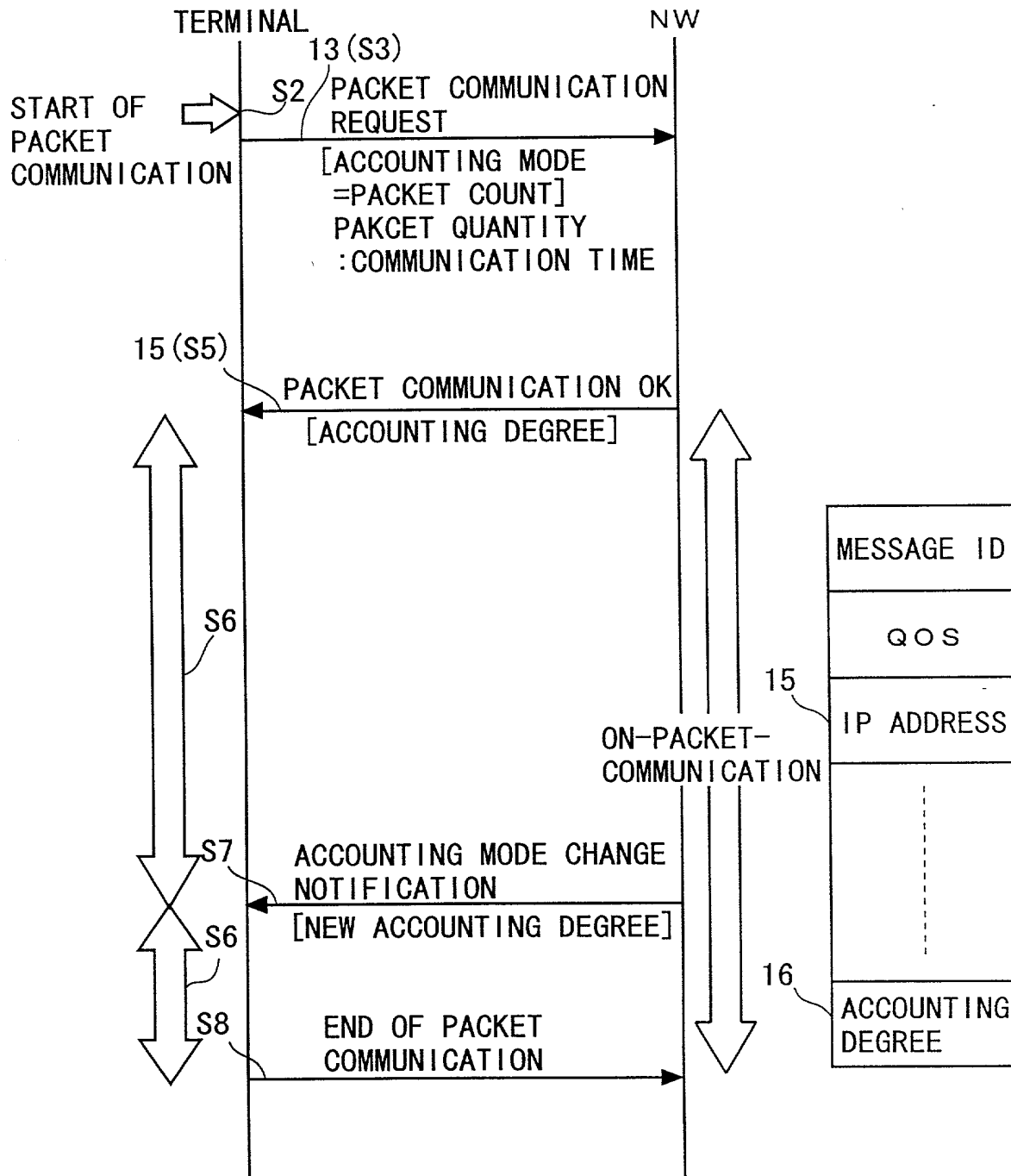


FIG. 11A

ACCOUNTING MODE
SELECTION SCREEN 12

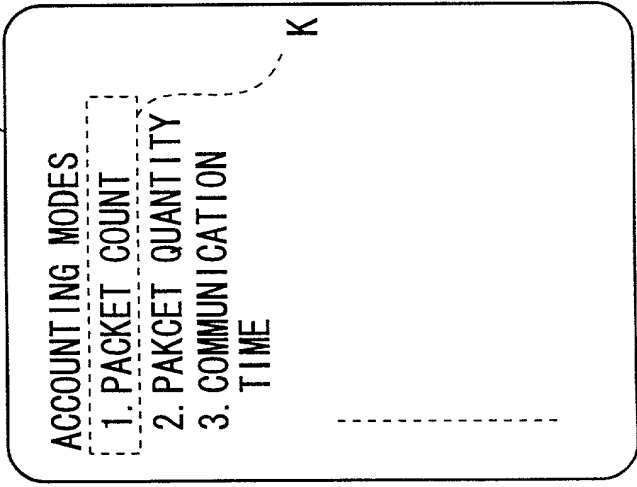


FIG. 11B

REGISTERED ACCOUNTING
MODE SELECTION SCREEN 19

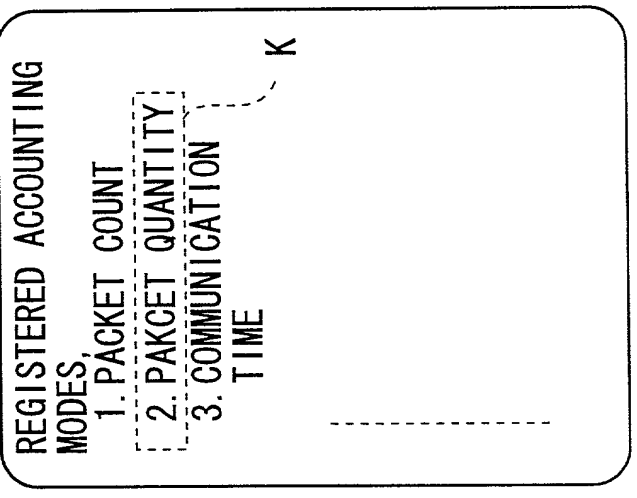


FIG. 11C

ACCOUNTING STATES
DISPLAY SCREEN 17

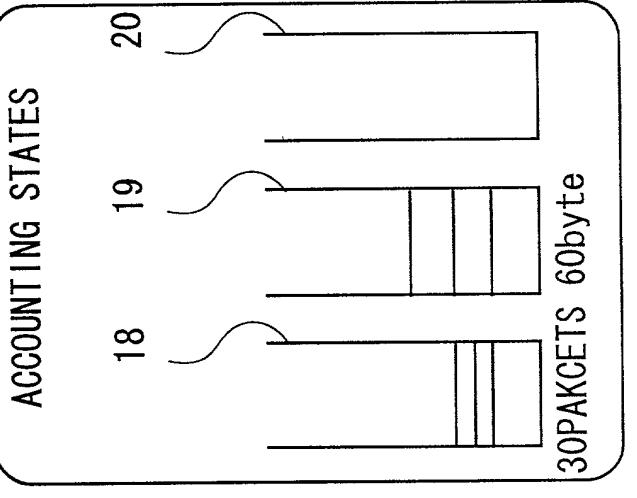
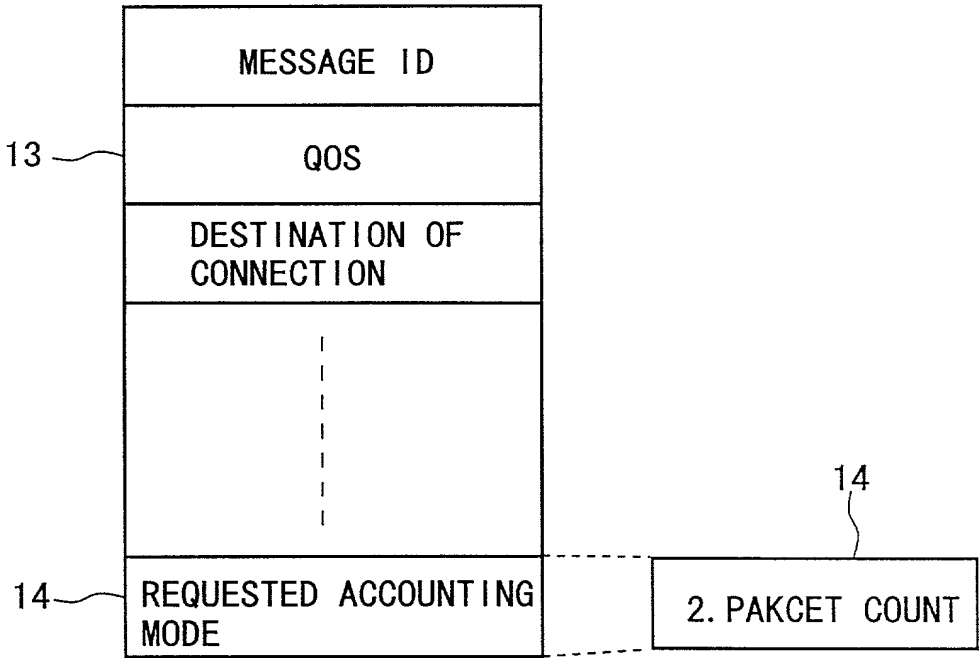


FIG. 13

MESSAGE FOR REQUESTING PACKET COMMUNICATION



09504686.07101
FIG. 14

FIG. 14

PACKET COMMUNICATION O. K. MESSAGE

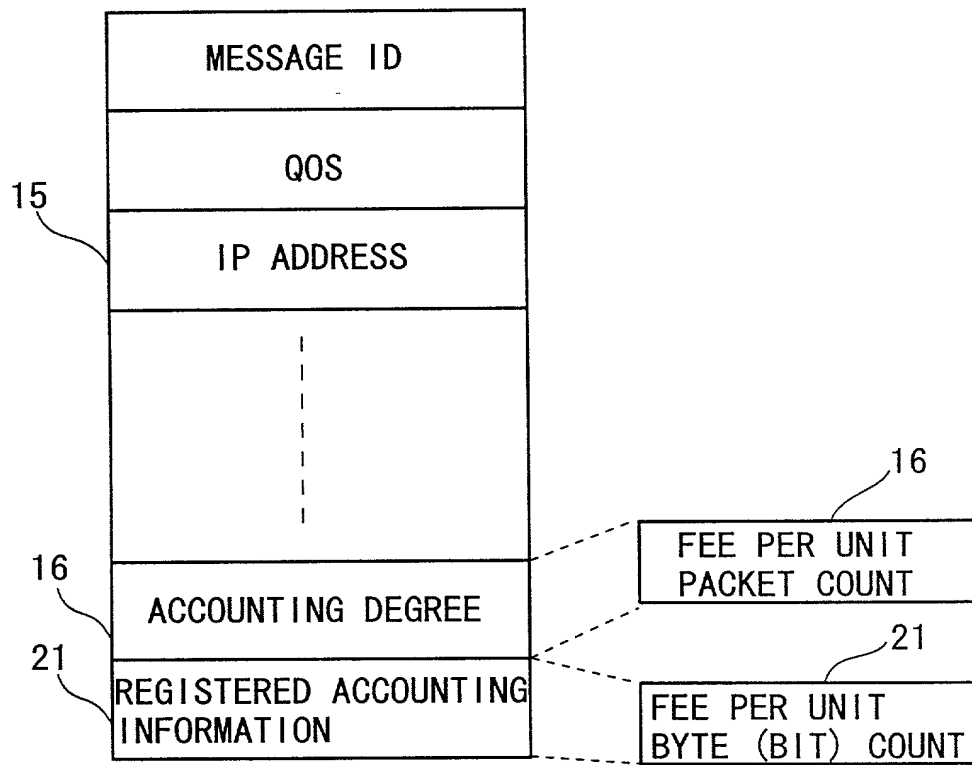


FIG. 15A

ACCOUNTING MODE
SELECTION SCREEN

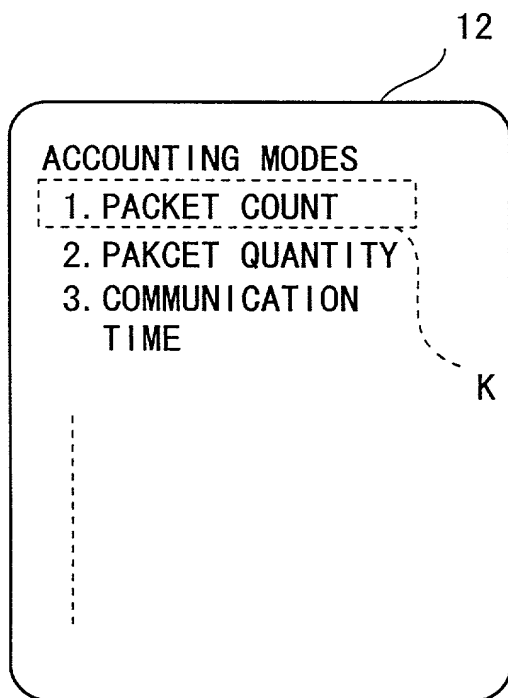


FIG. 15B

ACCOUNTING MODE
SELECTION SCREEN

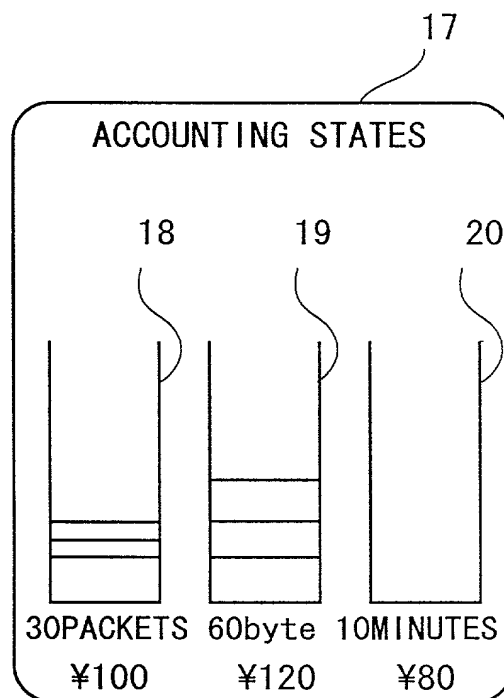


FIG. 16A

FIG. 16B

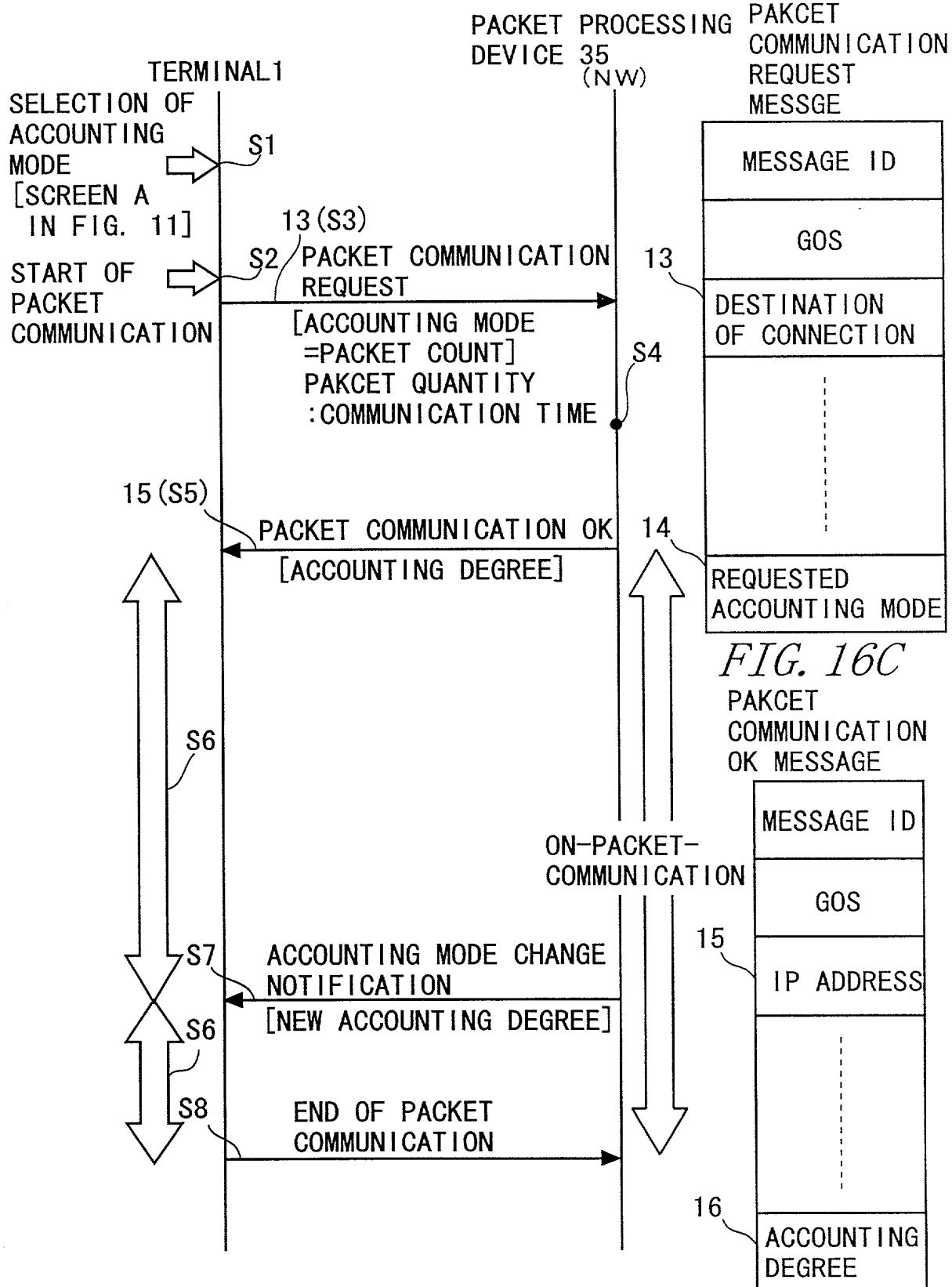


FIG. 17A

ACCOUNTING MODE
SELECTION SCREEN

ACCOUNTING MODES

1. PACKET COUNT
2. PACKET QUANTITY
3. COMMUNICATION
TIME



FIG. 17B

ALARM NOTIFICATION
SETTING SCREEN

ALARMED/UNARMED ?

1. ALARMED
2. UNARMED



FIG. 17C

THRESHOLD VALUE
INPUT SCREEN

THRESHOLD VALUE
INPUTTED ?

PER X BYTES

FIG. 18

DISC/REL MESSAGE

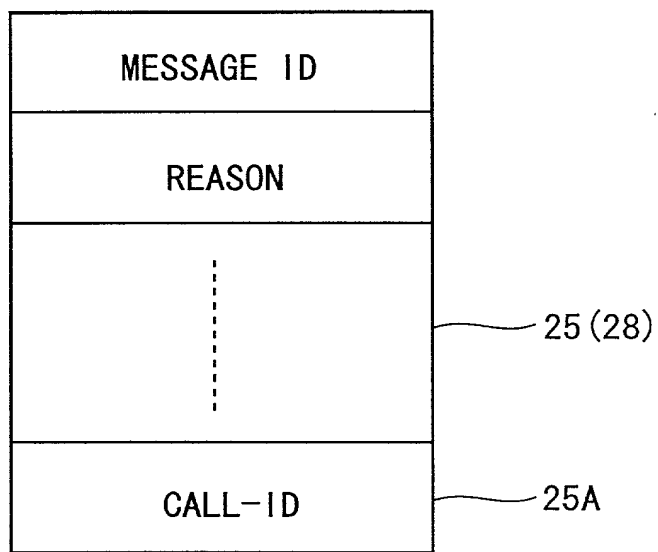


FIG. 19

ACCOUNTING METHOD SETTING MESSAGE

MESSAGE ID	26
SUBSCRIBER IDENTIFIER [IMSI/MSISDN]	
CALL-ID	
ACCOUNTING METHOD	

FIG. 20

ACCOUNTING METHOD SELECTION SCREEN

WHICH ACCOUNTING METHOD ?

1. PACKET COUNT

2. PACKET QUANTITY

3. COMMUNICATION TIME

18 19 20

30PACKETS 60byte 10 MINUTES

¥100 ¥90 ¥110

27

K

FIG. 21A

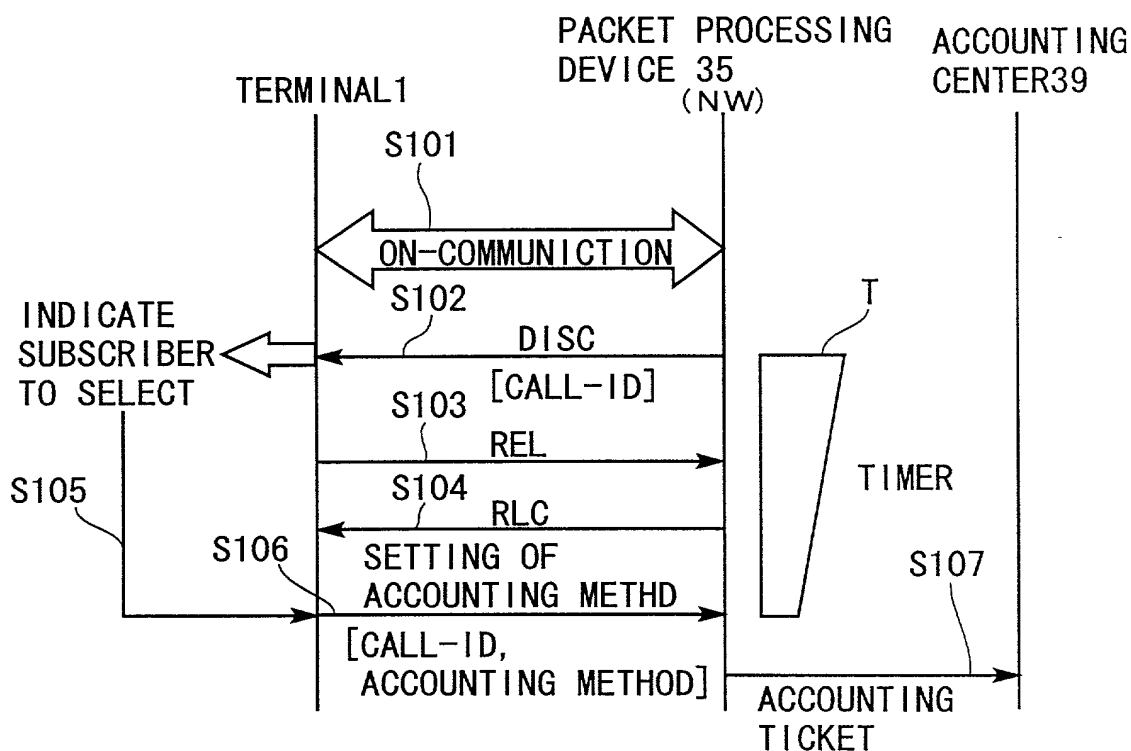


FIG. 21B

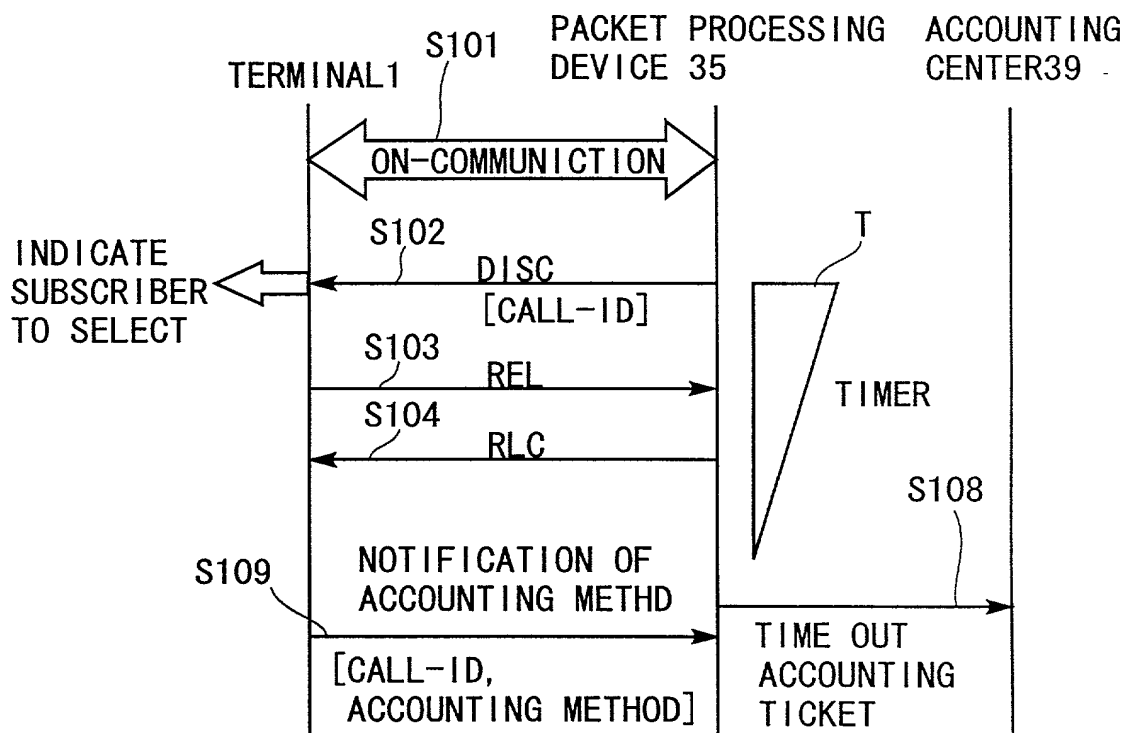


FIG. 22

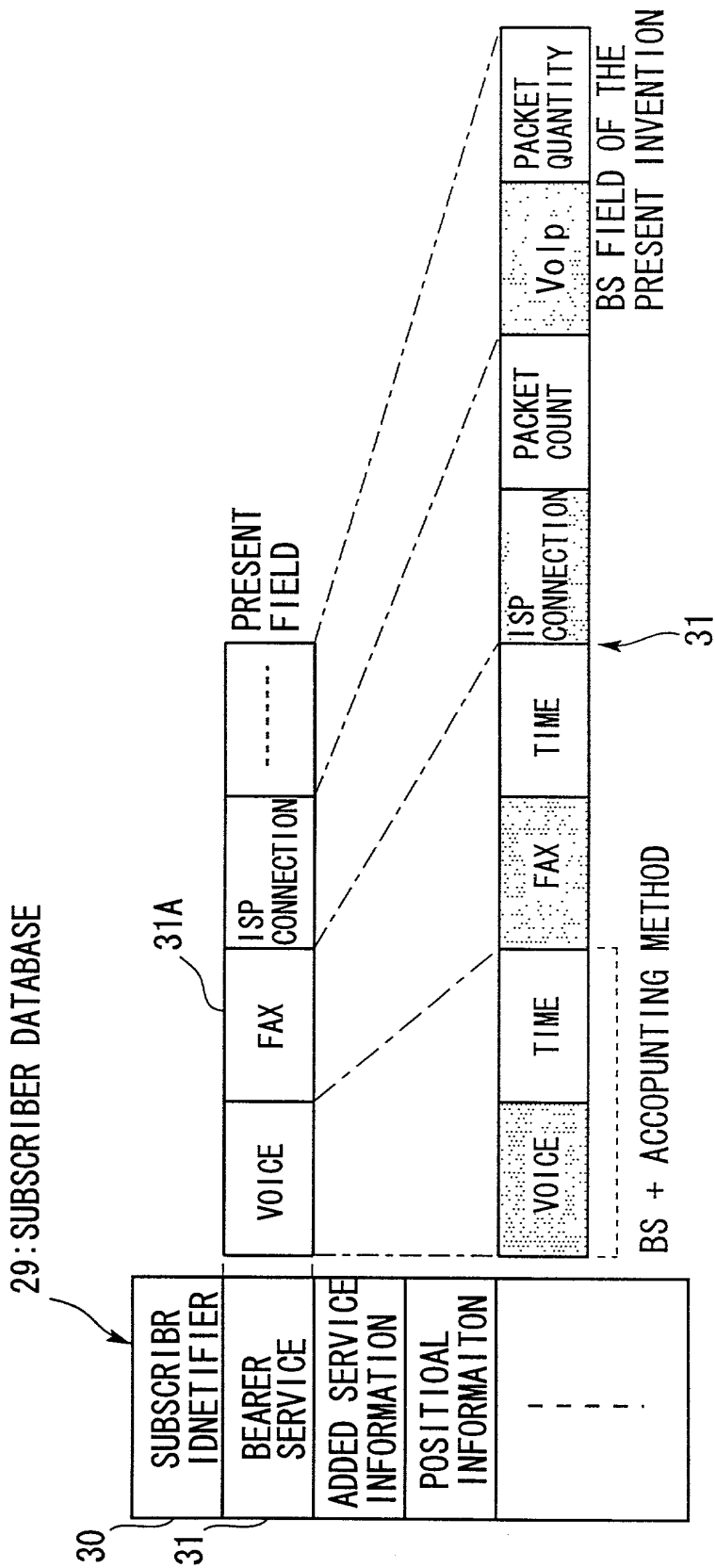


FIG. 23

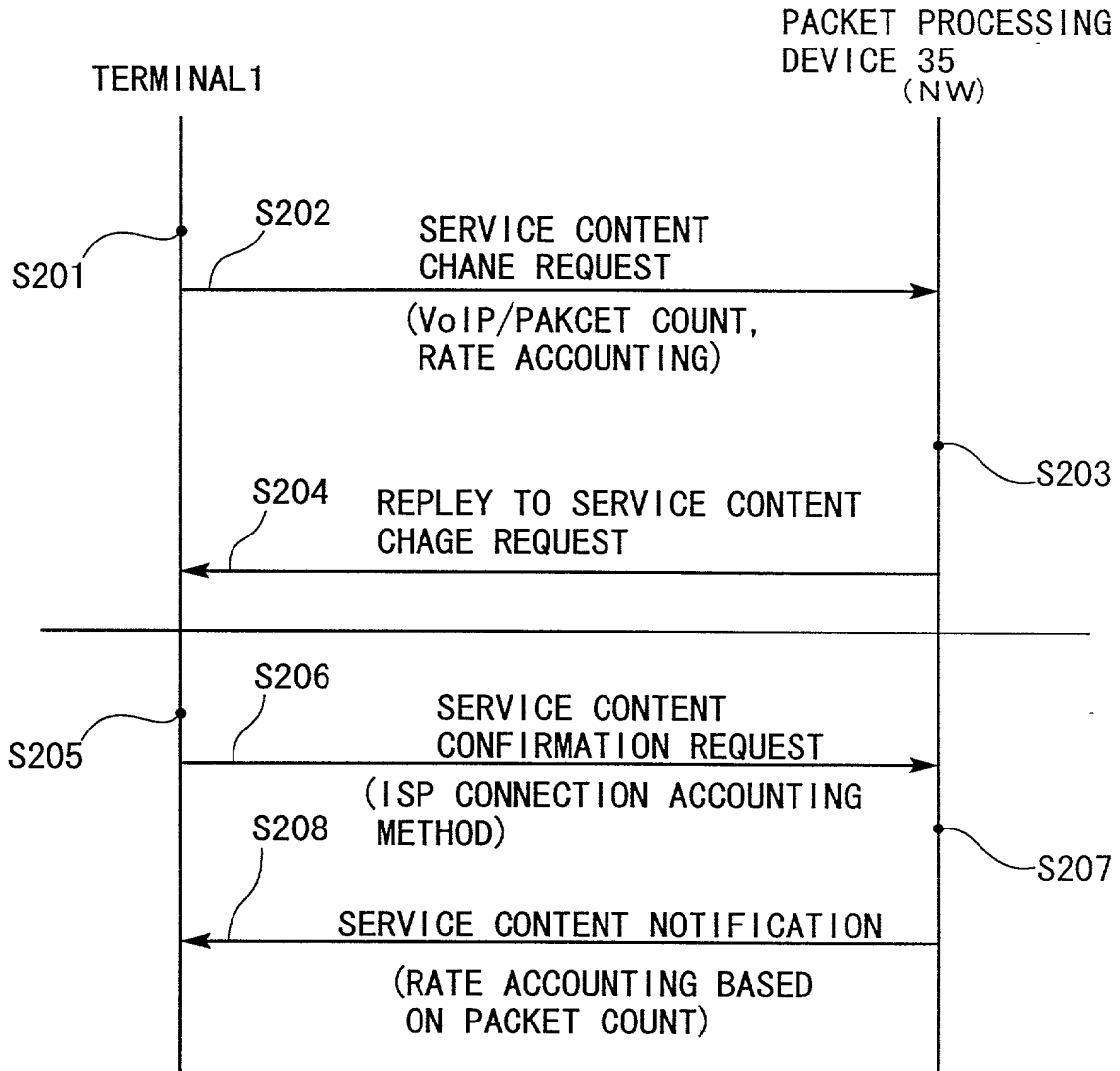


FIG. 24

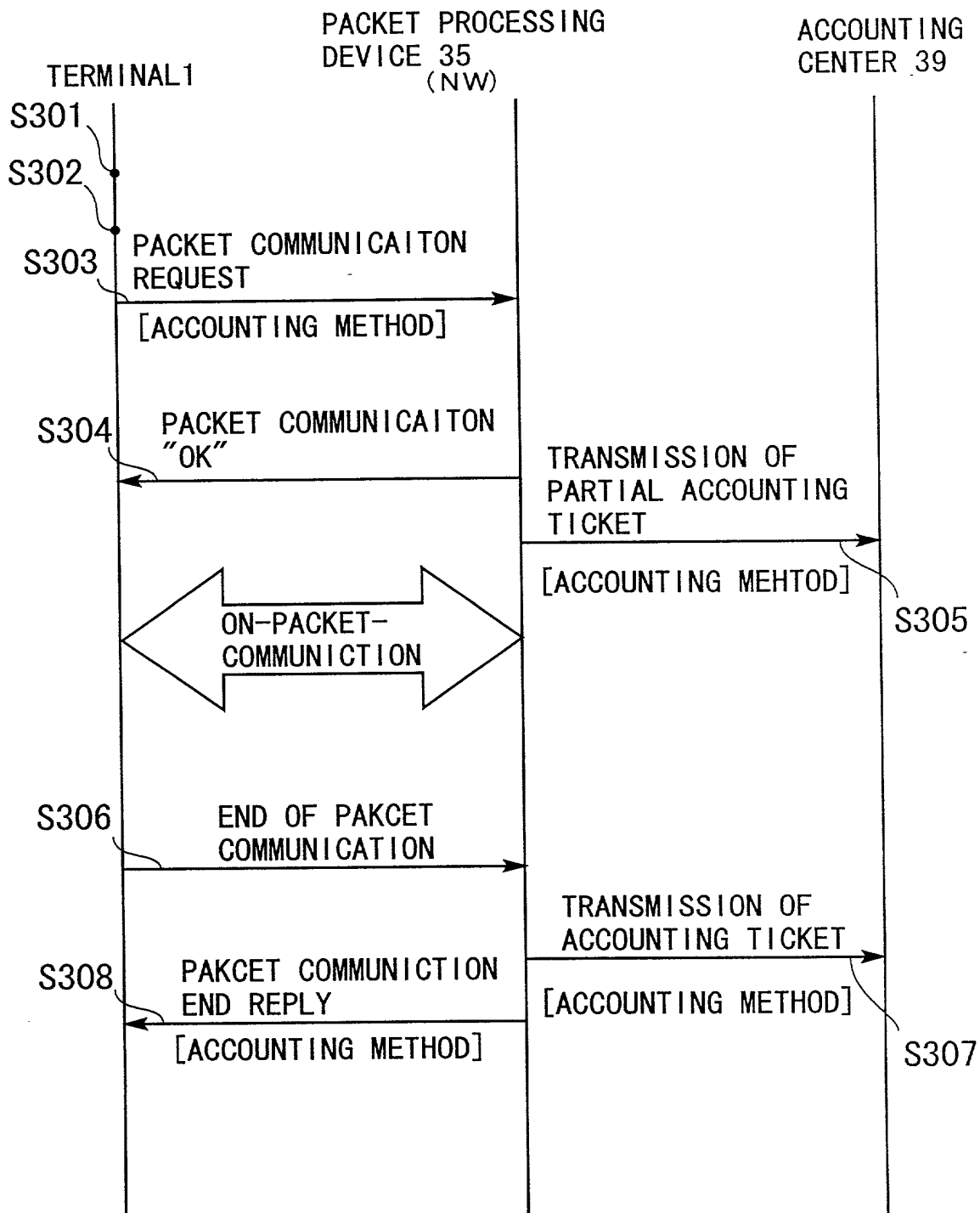


Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	50.5 (10.5)
Female	51.5 (11.5)
Marital status	
Married	75.5%
Single	24.5%
Education (years)	Mean (SD)
Male	12.5 (2.5)
Female	11.5 (3.5)
Occupation	
Professional	35.5%
Managerial	25.5%
Technical	15.5%
Service	10.5%
Unemployed	12.5%
Income (US\$)	Mean (SD)
Male	1500 (500)
Female	1400 (400)
Health insurance	
Yes	85.5%
No	14.5%
Smoking status	
Smoker	25.5%
Non-smoker	74.5%
Alcohol consumption	
Yes	15.5%
No	84.5%
Family size	Mean (SD)
Male	3.5 (1.5)
Female	3.0 (1.0)

WHERE CONNECTED TO ?

090xxxxxxxxx

ACCOUNTING METHOD
SPECIFYING SCREEN

33

WHICH ACCOUNTING
METHOD ?

1. TIME-BASIS
ACCOUNTING

2. PAKCET COUNT
ACCOUNTING

3. PAKCET QUANTITY
ACCOUNTING

4. DENSITY ACCOUNTING

5.

FIG. 26

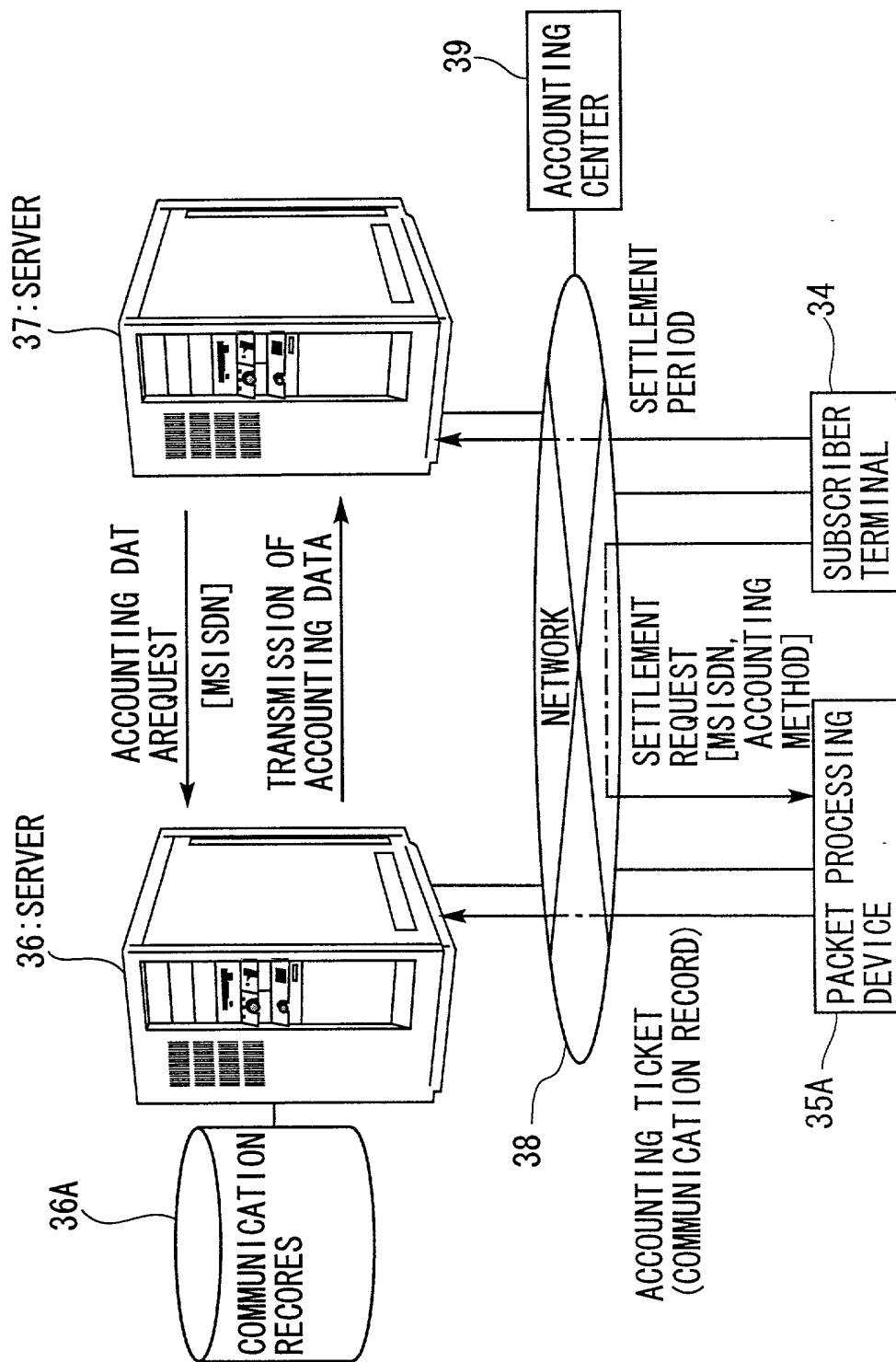


FIG. 27

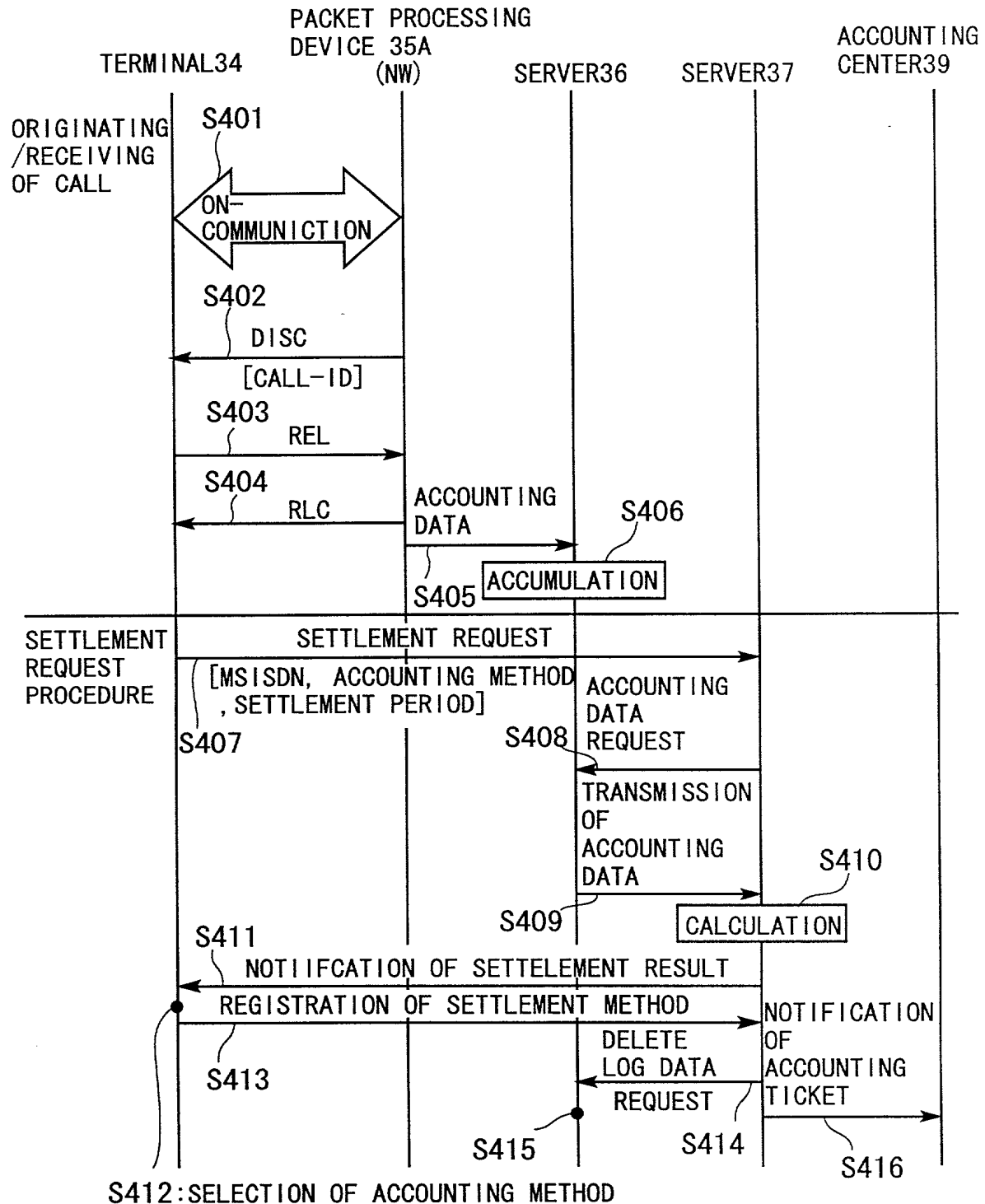


FIG. 28

2000/08/01		08:30-09:15	
00:45:50	30	100	
2000/08/01		08:30-09:15	
00:45:50	30	100	
⋮			

RECORD OF ACCOUNTING DATA FOR ONE CALL

40

36A

FIG. 29

RESULT-OF-SETTLEMENT
SCREEN

41

SELECTION OF SETTLEMENT

SETTLEMENT PERIOD
2000/8/1 23:58~
2000/8/1 23:59

PACKET COUNT

X-PACKETS ¥100
;PACKET QUANTITY
;X-BYTES ¥120

COMMUNICATION TIME;
X MINUTES ¥80

FIG. 30

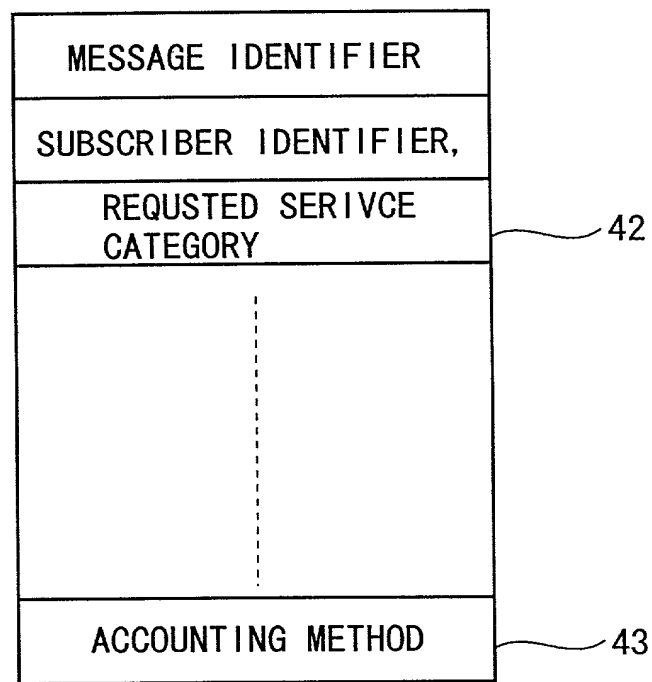


FIG. 31

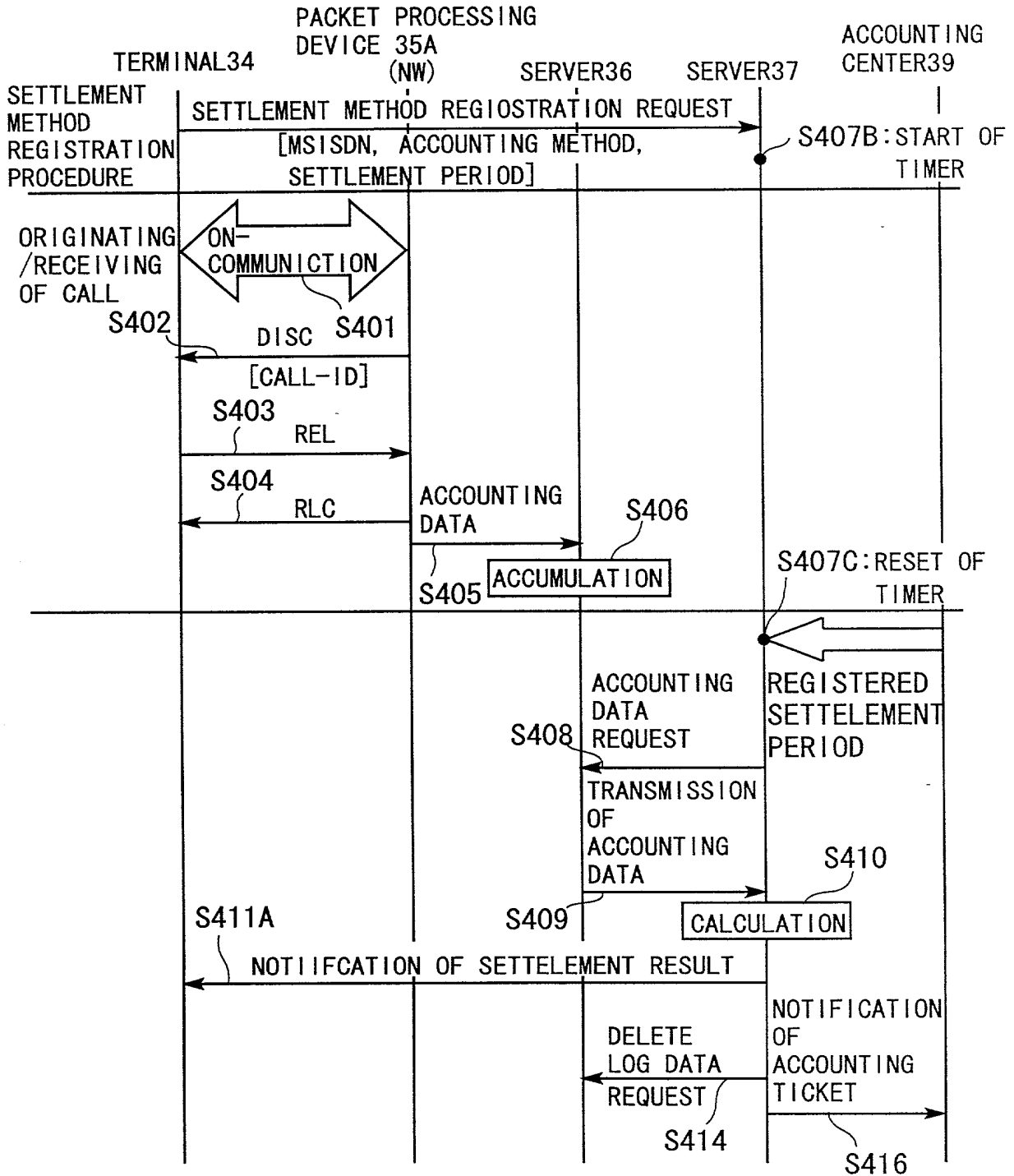


FIG. 31

FIG. 32

ACCOUNTING DATA DISPLAY SCREEN

8/1:8:30-9:15
T:45 MIN 50 SEC
P:30/B:100M
8/1:10:15-10:09 (C)
T:4 MIN 15 SEC

FIG. 33

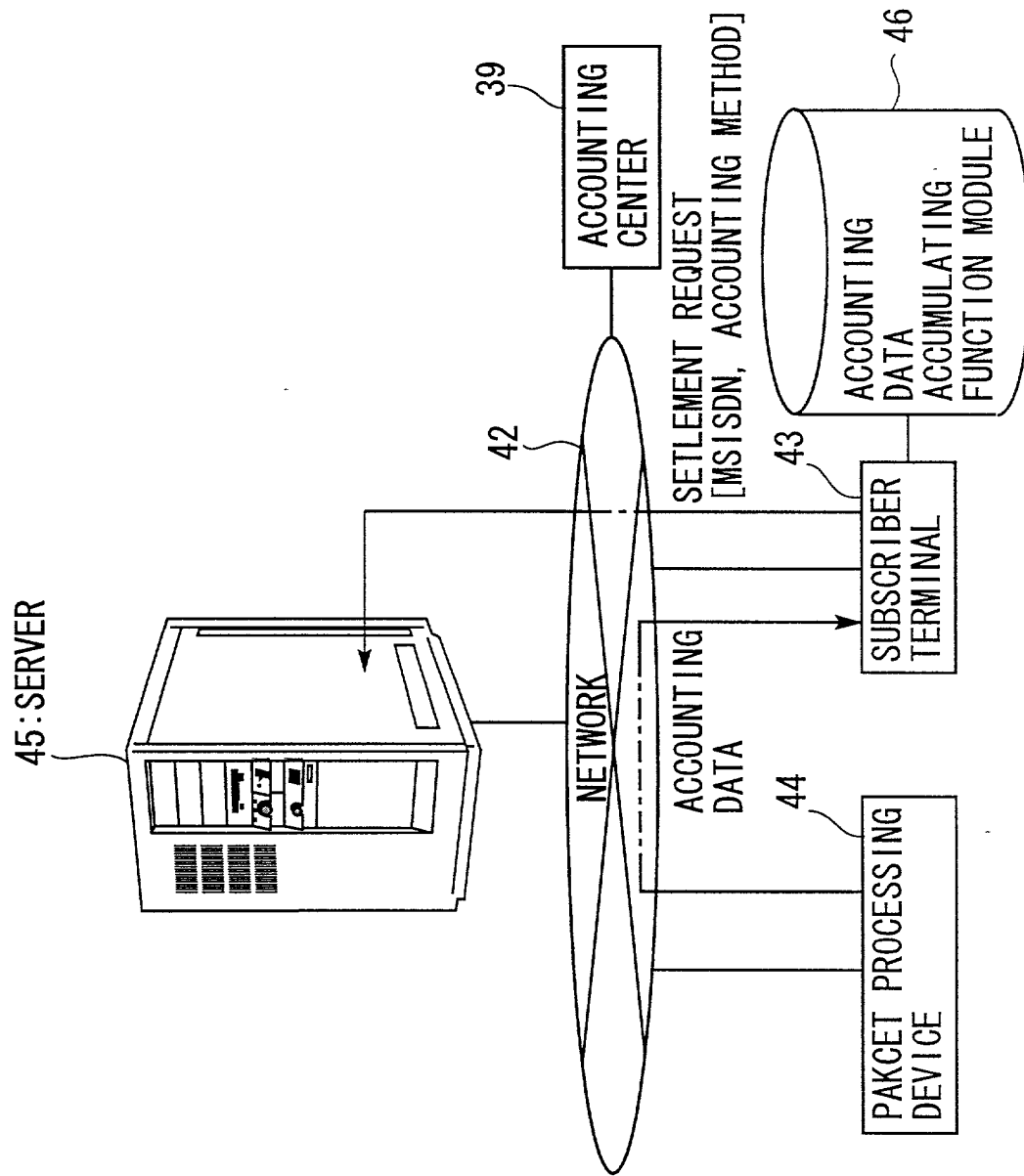


FIG. 34

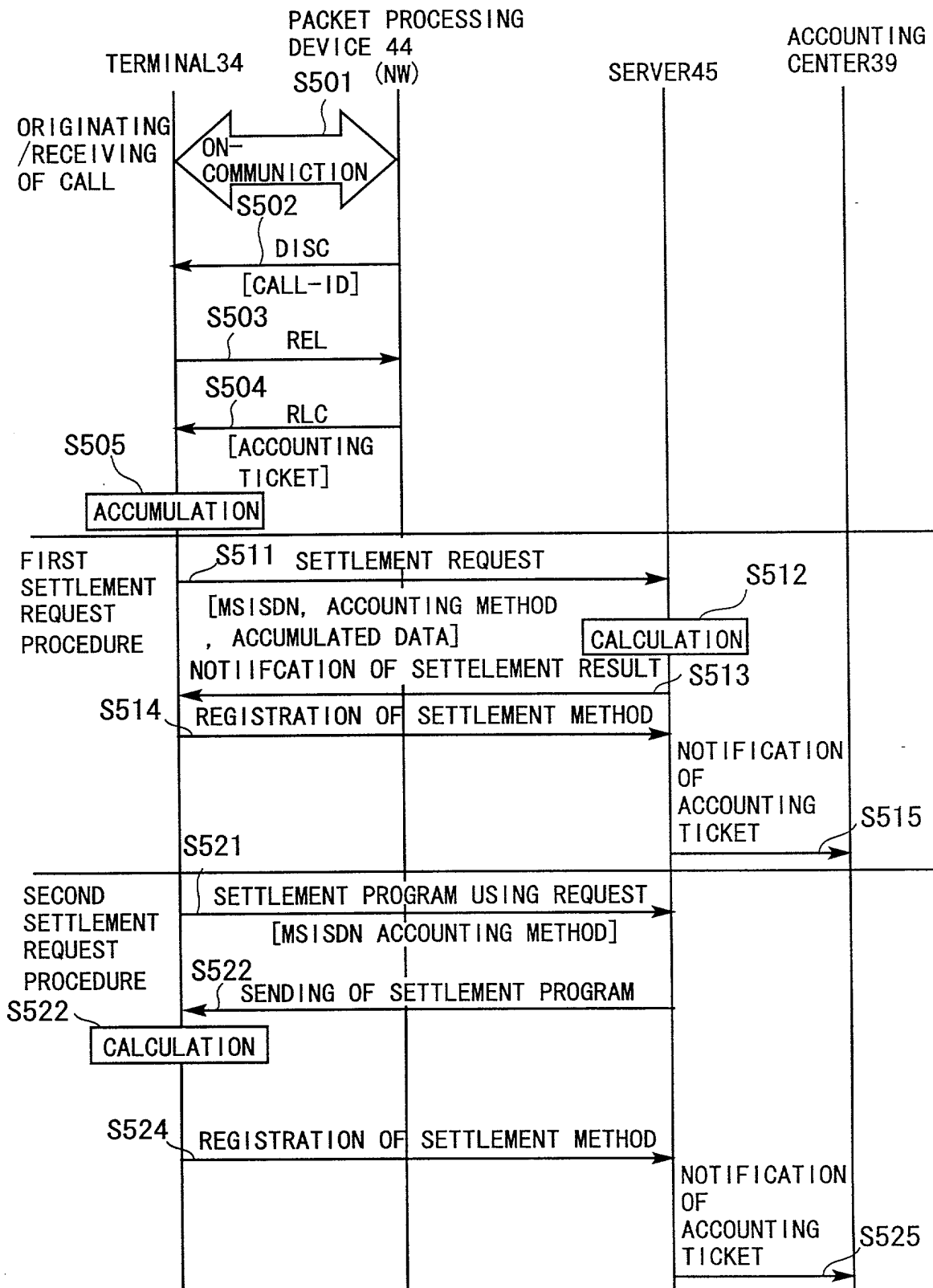


FIG. 35A

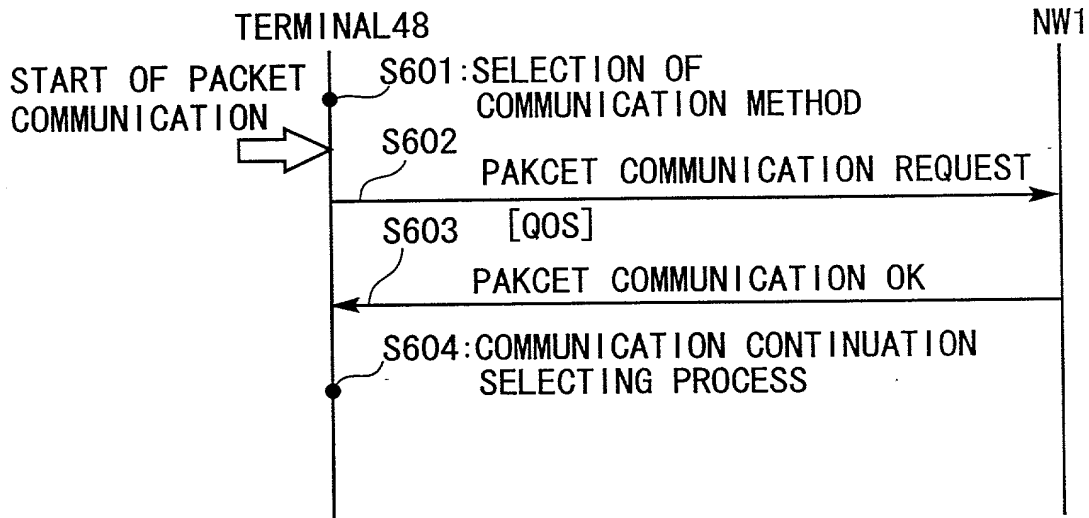


FIG. 35B

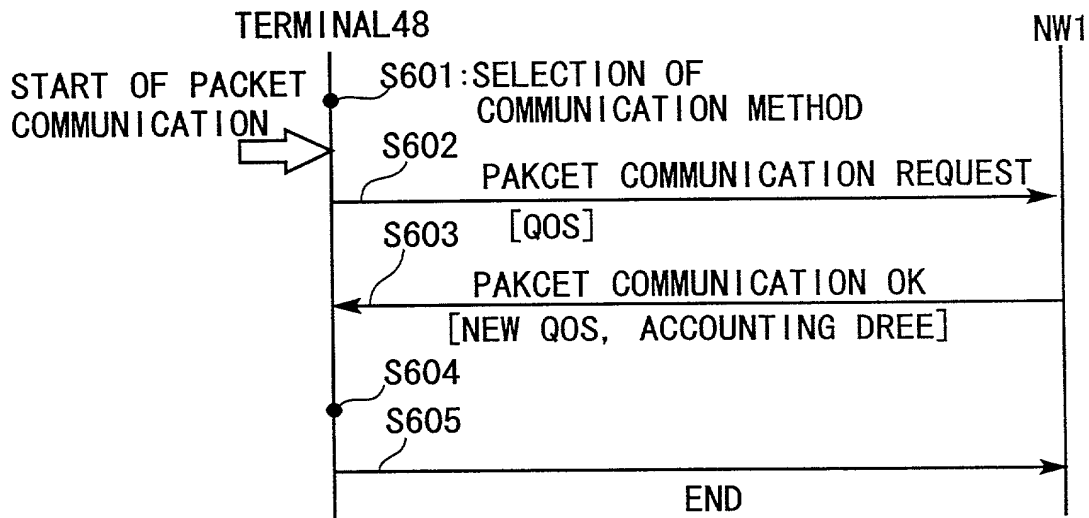
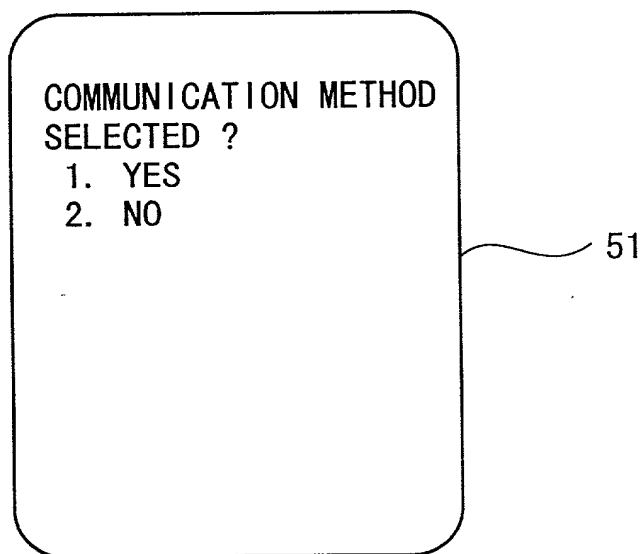


FIG. 36

COMMUNICAITON METHOD SELECTION SCREEN



A rectangular screen with rounded corners. Inside, the text "COMMUNICATION METHOD SELECTED ?" is at the top. Below it are two numbered options: "1. YES" and "2. NO". A wavy line points from the right side of the screen to the number "51".

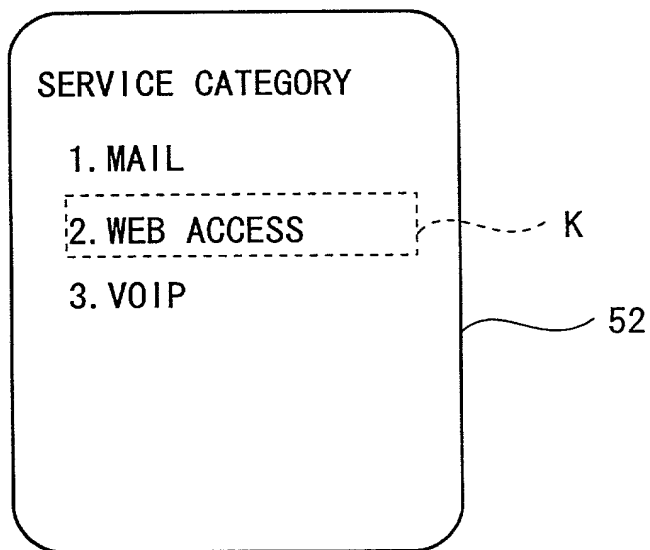
COMMUNICATION METHOD
SELECTED ?

1. YES
2. NO

51

FIG. 37

SERVICE CATEGORY (CALL CATEGORY)
SELECTION SCREEN



A rectangular screen with rounded corners. Inside, the text "SERVICE CATEGORY" is at the top. Below it are three numbered options: "1. MAIL", "2. WEB ACCESS", and "3. VOIP". The option "2. WEB ACCESS" is enclosed in a dashed rectangular box. A dashed line points from the right side of this box to the letter "K". A wavy line points from the right side of the screen to the number "52".

SERVICE CATEGORY

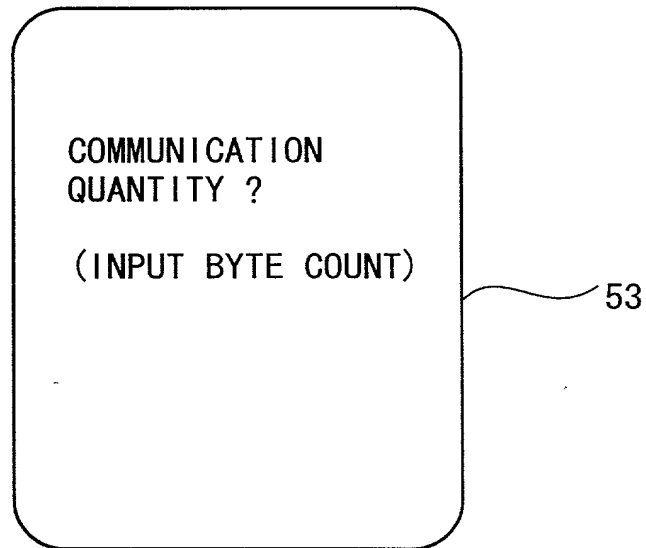
1. MAIL
2. WEB ACCESS
3. VOIP

K

52

FIG. 38

COMMUNICION QUANTITY INPUT SCREEN



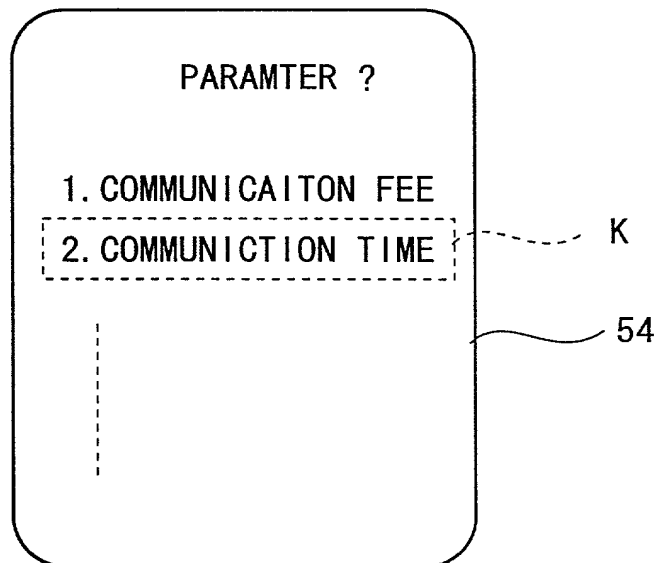
A rectangular screen with rounded corners. Inside, the text "COMMUNICATION QUANTITY ?" is displayed above "(INPUT BYTE COUNT)". A reference numeral "53" is connected to the right side of the screen by a curved line.

COMMUNICATION
QUANTITY ?
(INPUT BYTE COUNT)

53

FIG. 39

PARAMETER DETERMINATION SCREEN



A rectangular screen with rounded corners. Inside, the text "PARAMTER ?" is at the top. Below it are two options: "1. COMMUNICAITON FEE" and "2. COMMUNICION TIME". The second option is enclosed in a dashed rectangular box. A reference numeral "K" is connected to this box by a dashed line. Below the options is a vertical dashed line. A reference numeral "54" is connected to the right side of the screen by a curved line.

PARAMTER ?

1. COMMUNICAITON FEE
2. COMMUNICION TIME

K

54

FIG. 40

ON-COMMUNICATION-PROCESS SCREEN

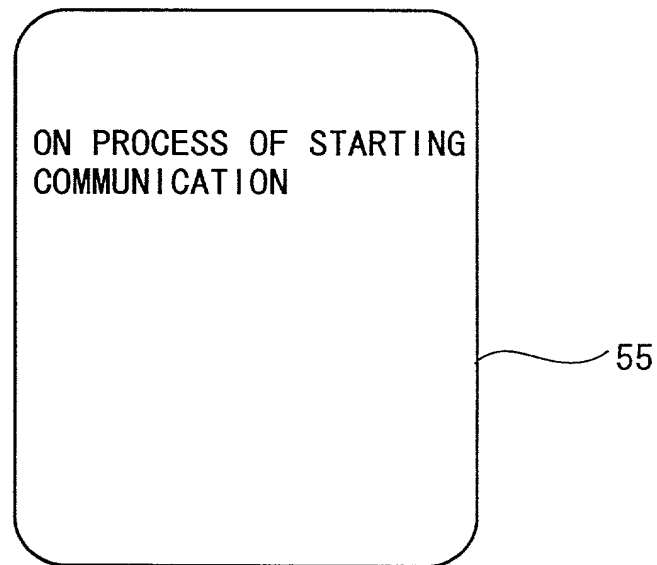


FIG. 41

COMMUNICATION CONTINUATION SELECTION SCREEN

